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(54) Title: HIGH TEMPERATURE REVERSE TRANSCRIPTASES

(57) Abstract

Methods are provided for the replication and amplification of RNA sequences by thermoactive DNA polymerases. Reverse transcription of RNA is catalyzed by, for example, 94 kDa Taq, 62 kDa Taq, nTth and recombinant Tth DNA polymerase. Reverse transcription is coupled to PCR amplification in a one enzyme procedure using a thermostable polymerase.